MPT Rec'd PCT/PTO 21 MAR 2006-

FORM PTO-1390 (REV. 01-2003) US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER 127425

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) New U.S. National Stage of PCT/JP2004/015104

	C	ONCERNING A FILING UN	10/5 <u>72</u> 904							
		TIONAL APPLICATION NO. 004/015104	INTERNATIONAL FILING DATE October 6, 2004	PRIORITY DATE CLAIMED October 21, 2003						
		NVENTION EN-FUELED INTERNAL COMBU	STION ENGINE							
		ITS FOR DO/EO/US SHINAGAWA; Takashi ATSUMI		·						
Appl	icant h	nt herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1.	\boxtimes	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.								
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.								
3.	\boxtimes	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4.	\boxtimes	The US has been elected (Article 3	31).							
3	\boxtimes	A copy of the International Applicat	tion as filed (35 U.S.C. 371(c)(2))							
•		a. 🛛 is attached hereto (required	only if not communicated by the In	ternational Bureau).						
•		b. has been communicated by	the International Bureau.							
		c. \square is not required, as the applic	cation was filed in the United States	Receiving Office (RO/US).						
6.	\boxtimes	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))								
		a. 🛛 is attached hereto.								
		b. has been previously submit	ted under 35 U.S.C. 154(d)(4).	•						
		c.	n was filed in English.							
7.		Amendments to the claims of the li	nternational Application under PCT	Article 19 (35 U.S.C. 371(c)(3))						
`		a. are attached hereto (required only if not communicated by the International Bureau).								
		b.	y the International Bureau.							
4	c. have not been made; however, the time limit for making such amendments has NOT expired.									
ť		d.	ill not be made.							
8.		An English language translation of	the amendments to the claims und	er PCT Article 19 (35 U.S.C. 371(c)(3)).						
9.	\boxtimes	An oath or declaration of the invent	tor(s) (35 U.S.C. 371(c)(4)).							
10.		An English language translation of (35 U.S.C. 371(c)(5)).	the annexes of the International Pr	eliminary Examination Report under PCT Article 36						
ltem	s 11 t	o 20 below concern document(s)	or information included:							
11.	\boxtimes	An Information Disclosure Stateme	ent under 37 CFR 1.97 and 1.98.							
12.	\boxtimes	An assignment document for recor	ding. A separate cover sheet in co	mpliance with 37 CFR 3.28 and 3.31 is included.						
13.	\boxtimes	A preliminary amendment.								
14.	\boxtimes	An Application Data Sheet under 3	7 CFR 1.76.							
15.		A substitute specification.								
16.	\boxtimes	A power of attorney and/or change	of address letter.							
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.								
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).								
,19.		A second copy of the English langu	uage translation of the international	application under 35 U.S.C. 154(d)(4).						
2 0.	\boxtimes	International Search Report.		•						

10/572904

U.S. APPLICATION NO. (if known, New U.S. National Stage of PCT/JP2004/015104					127425				
21. The following fees	are submitted:	CALCULATIONS	PTO USE ONLY						
_									
BASIC NATIONAL FEE (3			\$ 300.00	\$300.00					
SEARCH FEE (37 CFR 1.4	92(b)(1)-(3)):	\$400.00							
International preliminary ex the USPTO as IPEA or ISA industrial applicability for al national stage	A and favorable as to I claims presented in	-							
International search fee (37	' CFR 1.445(a)(2)) p								
International search report provided to USPTO no later than the time at which the search fee is paid									
All situations not provided f	or above		\$ 500.00						
EXAMINATION FEE (37 C	FR 1.492(c)(1)-(2)):	\$200.00							
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage									
All situations not provided f									
Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).									
TOTAL PAGES OF APPLICATION OVER 100 (- 100)	0 ÷ 50	= †0	x 250 =	\$0					
†round up to next intege		AUIMPED EVEDA	DATE	•					
CLAIMS TOTAL CLAIMS	NUMBER FILED 14 - 20	NUMBER EXTRA = 0	x 50.00 =	\$ \$0					
INDEPENDENT CLAIMS	4 - 3	= 1	x 200.00 =	\$200.00					
MULTIPLE DEPENDENT (+ 360.00 =	\$200.00					
	DE WINGO KIN applicab	\$1100.00							
☐ Applicant claims small	entity status. See 3	TOTAL OF ABOVE (7 CFR 1.27. The fees		\$					
reduced by 1/2.			-						
Dreaming for of \$420.00	far francisking the Fr		SUBTOTAL =	\$1100.00					
Processing fee of \$130.00 the earliest claimed priority	date (37 CFR 1.492	?(i)).	NATIONAL FEE =	\$ \$1100.00					
Fee for recording the enclo	sed assignment (37			\$					
accompanied by an approp	riate cover sheet (3)	7 CFR 3.28, 3.31). \$40	0.00 per property +	Ψ					
		TOTAL FI	EES ENCLOSED =	\$1100.00					
				Amount to be					
		refunded:	\$						
o M Chook No. 1776	OF in the amount of	\$1100.00 to sover the	above foce is appleed	charged:	\$				
b. Please charge i sheet is enclose	sheet is enclosed.								
Deposit Accour	ıt No. <u>15-0461</u> . A dı	rized to charge any add uplicate copy of this she	eet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status									
SEND ALL CORRESPONDENCE TO:									
OLIFF & BERRIDGE, PLC Customer Number: 25944 NAME: James A. Oliff									
REGISTRATION NUMBER: 27,075									
Date <u>March 21, 2006</u>		m P. Berridge ON NUMBER: 30,0	24						

10/572904

IAP9 Rec'd PCT/PTO 21 MAR 2005

U.S. APPLICATION NO. (if known, s New U.S. National Stage of PCT/JP2004/015104	ee 37 C.F.R. 1.5)	ATTORNEY'S DOCKET NUMBER 127425								
21. The following fees	CALCULATIONS	PTO USE ONLY								
2 2 11.0 10.009 1000		, 10 002 0HET								
		-								
BASIC NATIONAL FEE (37	CFR 1.492(a)):		\$ 300.00	\$300.00						
SEARCH FEE (37 CFR 1.49	\$400.00									
OLAKOITI LE (OF OFFICE)	(-)(-) (-)).			V 100.00						
International preliminary exa the USPTO as IPEA or ISA industrial applicability for all	and favorable as to									
national stage										
International search fee (37										
International search report provided to USPTO no later than the time at which the search fee is paid\$ 400.00										
All situations not provided fo	r above		\$ 500.00							
EXAMINATION FEE (37 CF				\$200.00						
(,						
International preliminary exa	mination report or v	vritten opinion prepared	d by	i						
the USPTO as IPEA or ISA	and favorable as to	novelty, inventive ster	o, and	•						
industrial applicability for all										
national stage		•••••	\$ 0.00							
All =:4=4:=== === + ===:dod &=	h		¢ 200 00							
All situations not provided fo										
Surcharge of \$130.00 for fur declaration after the date of	nishing the search	tee, the examination te	e or the oath or	\$						
TOTAL PAGES OF	commencement of	The Hattorial Stage (57	1 1.492(11)).							
APPLICATION OVER	0 ÷ 50	= †0	x 250 =	\$O						
100 (- 100)	0 + 30	- 10	x 230 -	ΨΟ						
tround up to next integer	11, 11, 11, 11		•							
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$						
TOTAL CLAIMS	14 - 20	= 0	x 50.00 =	\$0						
INDEPENDENT CLAIMS	4 - 3	= 1	x 200.00 =	\$200.00						
MULTIPLE DEPENDENT CI		.1	+ 360.00 =	\$						
	\$1100.00									
☐ Applicant claims small e	\$									
reduced by 1/2.	, , , , , , , , , , , , , , , , , , , ,		-							
			SUBTOTAL =	\$1100.00						
Processing fee of \$130.00 for the earliest claimed priority of			nan 30 months from	\$						
the earnest claimed priority to	Jace (57 OFF 1.452	• • • • • • • • • • • • • • • • • • • •	NATIONAL FEE =	\$1100.00						
Fee for recording the enclos	od assignment (37			\$						
accompanied by an appropri	iate cover sheet (37	CFR 1.21(11)). The ass	0.00 per property +	Ф						
, , , , , , , , , , , , , , , , , , , ,			EES ENCLOSED =	\$1100.00						
· · · · · · · · · · · · · · · · · · ·				Amount to be						
				refunded:	\$					
h				charged:	\$					
a.	05 in the amount of	\$1100.00 to cover the	above fees is enclose							
<u> </u>		No in the amou			inlicate conv of this					
sheet is enclosed	d.		10 00 101	above 1000. 71 da	photic copy of this					
c. 🛛 The Commission	er is hereby author	ized to charge any add	litional fees which may	be required, or credi	t any overpayment to					
	c. Mathematical The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.									
d. Fees are to be c	harged to a credit c	ard. WARNING: Infor	mation on this form m	ay become public. C	redit card					
information sho	ouia not be include	ed on this form. Provi	ide credit card informa	ilion and authorization	1 on P1O-2038.					
NOTE: Where an approp	riate time limit un	der 37 CFR 1.495 has	not been met, a peti	tion to revive (37 CF	R 1.187(a) or (b))					
must be filed and	I granted to restor	e the application to p	ending status,/							
SEND ALL CORRESPONDENCE TO:										
OLIFF & BERRIDGE, PLC										
Customer Number:	25944	2	NAME: Jame							
	REGISTRATION NUMBER: 21,075									
Date March 21 2006	Date March 21, 2006 NAME: William P. Berrigge									
Mai Gi Z 1, 2000				ON NUMBER: 30,0	24					
			REGISTION	2.1.140.14DE1X. 00,0						